



Sheet 1 of 5

Form PTO-1449  
(REV. 6-89)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney's Docket Number A-19095	Serial No. 07/937/560
Applicant Raymond C. McGarvey	
Filing Date 8/31/92	Group Art Unit 2406

### U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S.C.	0 5 0 8 7 6 5	11/14/1893	Rouse	277	167.5	
S.C.	1 8 2 1 8 6 5	9/1/34	Wilson	277	180	
S.C.	1 8 2 1 8 6 6	9/1/31	Wilson	277	180X	
S.C.	3 2 3 9 2 4 5	3/8/66	Press Et AL	285	354X	
S.C.	3 3 0 2 9 5 3	2/7/67	Glasgow	277	180	
S.C.	3 5 7 8 3 4 6	5/11/71	Jelinek	277	180	
S.C.	3 9 8 6 7 2 1	10/19/76	Decker	277	180X	
S.C.	4 0 2 6 5 6 5	5/31/77	Jelinek	277	180	
S.C.	4 2 9 4 4 7 7	10/13/81	Ahlstone	277	180X	
S.C.	4 3 0 3 2 5 1	12/1/81	Harra et al	277	236	
S.C.	4 6 1 6 8 6 0	10/14/86	Faria et al	277	167.5X	

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER Scott Cummings	DATE CONSIDERED 8/25/93
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S.C.	4 6 7 4 7 5 6	6/23/87	Fallon et al	277	180X	
S.C.	4 8 5 4 5 9 7	8/8/89	Leigh	277	236X	
S.C.	5 0 4 0 7 1 4	8/20/91	McManigal	277	236X	
S.C.	3 2 0 8 7 5 8	9/1961	Carlson et al.	277	171	
S.C.	3 5 6 1 7 9 3	2/1971	Rode	285	13	
S.C.	4 1 6 8 8 5 2	9/1979	Ahlstone	285	336	
<del>                  </del>						
S.C.	5 0 8 7 0 8 5	2/11/92	McGarvey	285	917X	
S.C.	0 9 0 6 7 6 1	12/15/08	White	285	336	
S.C.	1 8 1 9 0 3 6	8/18/31	Oberhuber	285	336	
S.C.	4 4 0 7 5 1 6	10/4/83	Ee et al	285	917X	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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S.C.	0 3 7 4 4 7 9	3/73	USSR	285	917		
S.C.	3 9 3 8 5 5	11/65	Switzerland	277	180		
S.C.	0 9 2 6 7 8 9	5/63	U.K.	277	180		
S.C.	2 7 8 0 8 5	3/1965	Australia	277	207A		
S.C.	3 4 9 5 4/1989	PCT				<del>                  </del>	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S.C.	5 1 2 9 6 8 8	7/14/92	McGarvey	285	328	
✓ S.C.	5 1 3 5 2 6 9	8/4/92	Babuder	285	917X	
✓ S.C.	5 1 4 5 2 1 9	9/8/92	Babuder	277	236X	
✓ S.C.	5 1 6 3 7 2 1	11/17/92	Babuder	285	917X	
✓ S.C.	1 4 7 7 6 9 6	12/18/23	Dollman	285	331X	
✓ S.C.	3 5 2 1 9 1 0	7/28/70	Callahan Jr. et al	285	422X	
✓ S.C.	4 4 0 3 7 9 5	9/83	Davlin	285	334.2 (x)	
✓ S.C.	3 7 4 7 9 6 3	7/83	Shivak	285	328.x1	
<del>S.C.</del>						
✓ S.C.	1 8 3 6 1 9 8	12/31	Spyer	285	363.x1	

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Attorney's Docket Number	Serial No.
A-19095	07/937/560
Applicant	Raymond C. McGarvey
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Group Art Unit  
2406

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
S.C.	1 8 6 6 6 3 6	7/32	Fantz	285	334.2(x)	
S.C.	5 8 2 5 7 5	5/1897	Bayles	255	363(x)	
S.C.	5 0 6 6 0 5 1	11/91	Weigl et al.	285	328	
S.C.	3 7 6 5 7 0 7	1973	Westberg	285	336	
S.C.	3 6 6 9 4 7 4	1972	Bode	285	365	
S.C.	2 7 8 9 8 4 4	4/1957	Kessler	285	336	
S.C.	4 8 5 6 8 2 8	8/89	Kessler et al	285	910(x)	
S.C.	4 8 3 8 5 8 3	1/89	Babuder et al.	285	354	

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